

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits    | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|------------------------------|------------------|---------|---------------------|
| L1    | 17      | tetra-substituted phthalocyanine   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:38 |
| L2    | 4       | tetra-substituted metal phthalocyanine                                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:38 |
| L3    | 80      | metalloporphyrin or metalloporphyrine                                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:38 |
| L4    | 1       | (tetra alkoxy substituted phthalocyanine)                                | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:38 |
| L5    | 2       | (tetra alkoxy substituted phthalocyanine)                                | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:38 |
| L6    | 102     | L1 or L2 or L3 or L4 or L5   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:38 |
| L7    | 305     | 540/122.cds.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:38 |
| L8    | 6       | I6 and I7  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:39 |
| L9    | 270     | 540/139.cds.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:47 |
| L10   | 7       | I6 and I9  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:47 |
| L11   | 0       | ("2007/0225491").URPN.   | USPAT                        | ADJ              | ON      | 2009/10/06<br>19:49 |
| L12   | 354     | 540/141.cds.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:49 |
| L13   | 1       | I6 and I12   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>19:49 |
| L14   | 243108  | electronic device  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>20:04 |
| L15   | 2356131 | transistor or sensor or memories or (photo voltaic device) or photodiode | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/10/06<br>20:05 |

|     |         |   |                              |     |     |                     |
|-----|---------|---|------------------------------|-----|-----|---------------------|
| L16 | 2437786 | 14 or 115   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/06<br>20:05 |
| L17 | 1       | 16 near3 116  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/06<br>20:05 |
| L18 | 1       | 16 near5 116  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/06<br>20:05 |
| L19 | 1       | 16 near20 116   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/06<br>20:05 |
| L20 | 1       | 16 near50 116   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/06<br>20:06 |
| L21 | 1       | 16 near100 116  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/06<br>20:06 |
| L22 | 687     | substituted phthalocyanine  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/06<br>20:06 |
| L23 | 2       | 22 near3 116  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/06<br>20:06 |
| L24 | 1       | ("5969376").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2009/10/06<br>20:08 |
| L25 | 1       | ("20050056815").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2009/10/06<br>20:13 |
| S1  | 59826   | phthalocyanine or<br>(phthalocyanine derivatives)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:23 |
| S2  | 3105638 | metal   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:24 |
| S3  | 13823   | S1 near3 S2   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:24 |
| S4  | 49628   | (metal coating) or (silver<br>coating) or (gold coating) or<br>(aluminum coating) or<br>(magnesium coating) or (calcium<br>coating) or (indium coating) or<br>(tin oxide coating) or (zinc oxide<br>coating) or (titanium oxide<br>coating) or (gallium oxide<br>coating) or (yttrium oxide<br>coating) or (praseodymium oxide<br>coating) or (metal oxide coating) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:41 |

|     |        |   |                              |     |     |                     |
|-----|--------|---|------------------------------|-----|-----|---------------------|
| S5  | 320    | S3 and S4   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:42 |
| S6  | 766465 | polytetrafluoroethylene or (polyethylene-(terephthalate)) or (polycarbonate) or (polyvinylchloride) or (polyurethane) or (polypropylene) or (poly(methyl methacrylate)) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:46 |
| S7  | 274    | S5 and S6   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:46 |
| S8  | 6146   | (poly(pyridine)) or (poly(p-phenylenevinylene)) or (polyfluorene) or (poly-acetylene) or (poly(thiophene))  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:50 |
| S9  | 7      | S7 and S8   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>16:50 |
| S10 | 520    | metal containing phthalocyanine   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:08 |
| S11 | 13823  | S3 or S10   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:09 |
| S12 | 8765   | S11 and S6  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:09 |
| S13 | 452    | S12 and S8  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:09 |
| S14 | 7      | S13 and S4  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:09 |
| S15 | 0      | (20/050317).APP.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2009/10/01<br>17:10 |
| S16 | 1      | "20050056815"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:11 |
| S17 | 80     | metalloporphyrin or metalloporphyrine   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:12 |
| S18 | 327    | tetra alkoxy  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:21 |
| S19 | 0      | S17 and S18   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:21 |

|     |      |   |                              |     |     |                     |
|-----|------|---|------------------------------|-----|-----|---------------------|
| S20 | 164  | tetra-alkoxy                              | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:21 |
| S21 | 0    | S20 and S17                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:21 |
| S22 | 873  | tetraalkoxy                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:21 |
| S23 | 0    | S22 and S17                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>17:21 |
| S24 | 6509 | tetrasubstituted or (tetra-substituted)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>18:00 |
| S25 | 0    | S17 and S24                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>18:00 |
| S26 | 395  | S3 and S24                                | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/01<br>18:01 |
| S27 | 17   | tetra-substituted phthalocyanine          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/02<br>11:40 |
| S28 | 4    | tetra-substituted metal phthalocyanine    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/02<br>11:40 |
| S29 | 80   | metalloporphyrin or metalloporphyrine     | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/02<br>17:04 |
| S30 | 6509 | tetrasubstituted or (tetra-substituted)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/02<br>17:05 |
| S31 | 0    | S29 and S30                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/02<br>17:05 |
| S32 | 1    | (tetra alkoxy substituted phthalocyanine) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/02<br>17:26 |
| S33 | 0    | ("2007/0225491").URPN.                    | USPAT                        | ADJ | ON  | 2009/10/02<br>17:26 |
| S34 | 2    | (tetra alkoxy substituted phthalocyanine) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/10/02<br>17:27 |
| S35 | 1    | ("20050056815").PN.                       | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2009/10/02<br>20:32 |

## EAST Search History (Interference)

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**10/ 6/ 2009 8:15:07 PM**

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